

MPO

Native Human Myeloperoxidase Isoform C

Catalog No.	CSI19692A	Quantity:	100 µg
	CSI19692B		500 µg

Description: Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, MPO is subsequently cleaved into a light and heavy chain. The mature MPO is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils. MPO is a peroxidase enzyme and lysosomal protein stored in azurophilic granules of the neutrophils. Since Human MPO has a heme pigment, it causes the green color in secretions rich in neutrophils.

Concentration: Typically >1 mg protein /mL

Gene ID: 4353

Source: Human Neutrophils

Formulation: Liquid in 50 mM Sodium Acetate pH 6.0 + 0.1 M NaCl

Purity: >98% by SDS-PAGE

430 to 280 ratio: RZ>0.75

Storage & Stability: Store at 2-8°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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